

Abhilash V M

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PROFESSIONAL OVERVIEW

EMPLOYMENT SCAN

<u>Tenure</u>	<u>Company</u>	<u>Designation</u>
Jan'17 till date	Senshin Technologies India Pvt Ltd	Assistant CAD/CAE Engineer

OCCUPATIONAL CONTOUR

Senshin Technologies India Pvt Ltd (January 2017 till date)

Assistant CAD/CAE Engineer

Currently working as an Assistant Engineer in the India office of a start-up Company which is into the business of Mechanical Designing and Engineering Analysis with a multinational presence in Japan as well as the USA.

Overview Of The Job Profile:

Design And Modelling Of Deck Fitting Equipment's: To design and model deck fitting equipment's, assemblies and to create drawings and documentation.

Software Package : **CATIA V5, AutoCAD**

- Designed assembly and product component models
- Managed CAD data from both vendor and customer
- Created assemblies for mooring equipment's, anchors and fairleads
- Documented and detailed designed parts per Japanese Industrial Standards

BWMS/Ship Outfitting Projects: Installation of Ballast Water Management Systems in different types of marine vessels .

Software Package : **CATIA V5,AutoCAD,Cadmatrics**

- Designed and drafted piping isometrics line drawings P&ID's, installation drawing cable/conduit schedules.
- Collaborated with engineering and field inspection teams to design and draft retrofit solutions for electrical & mechanical applications.

Material Testing Projects: To determine the physical/mechanical properties of composite materials (Specimens) through computer simulation by correlating with physical test data.

Software Package : **Hyper Mesh, LS Dyna**

- Testing the specimen in UTM and extraction of data
- Model creation and meshing using Hyper Mesh and LS Pre Post
- Analysis of model in LS Dyna, Post Processing in LS Pre Post
- Communicate with Client and Test center in coordinating testing of materials
- Creating engineering models for specimens
- Creating standards for project deliverables

INTERNSHIPS/TRAINING

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- **Honda R&D** [February 2018],Utsunomiya ,Japan
On-Site training for Material Testing Project
 - **Cochin Shipyard Ltd** [June 2014], Kerala, India
Various implant handling, manufacturing, work distribution and other such plant/industrial engineering operations

POSITIONS OF RESPONSIBILITY

- **Team lead at Senshin Technologies**
- Ed Support Mentor and active volunteer at Make A Difference (Non-Government Organisation).
- Arts Co-ordinator at MTHSS [2011-2012]
- Interact Club Member [2008-2012]
- Organizing committee member for Fugeniz/ Fugen-Expo Event Coordinator
- Head boy [2007]

ACADEMICS

- **2016** **B.tech Mechanical** from SNGCE, Kolenchery, Kerala
- **2012** **THSE** from MTHSS, Ernakulam, Kerala
- **2010** **THSLC** from MTHSS, Ernakulam, Kerala

Academic Project

Design and Fabrication Of Experimental Solar Dryer [2015-2016]

- Drying of agricultural products using forced and natural convection
- Online monitoring of various parameters involved in drying
- Determination of optimal moisture content to establish HRY
- Role: Team leader
- Technology: Solar Collector, Control System, Sensors, ANOVA

Technical and Non-Technical Skills

- Well versed with MS Packages, PTC CREO, LS Dyna, Hyper Mesh, Abaqus, CATIA V5, AutoCAD
- People Management, Good Analytical skills, An Eye for detail, Problem solving, Time Management

PERSONAL DETAILS

Date of Birth : 01st October, 1994
Languages : English, Tamil, Malayalam, Hindi, Japanese
Hobbies : Listening to music, playing football, watching movies

I hereby ensure that I will be the best at the services entrusted on me.
Expecting a positive response from you.

Abhilash V M